

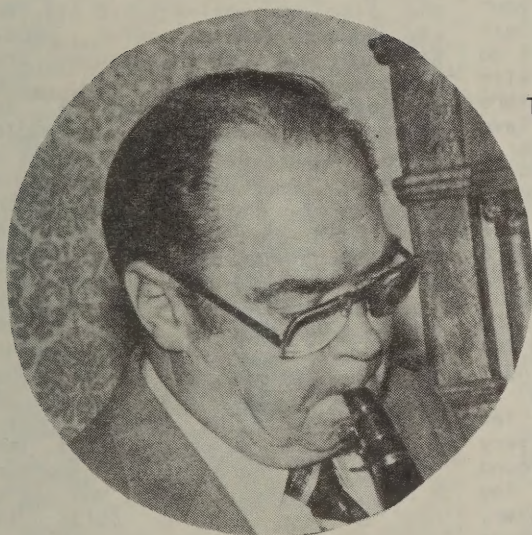
NEWSLETTER

MARCO, Box 73S, Acme, PA 15610

Editor - Edward R. Briner, D.M.D., WA3TVG

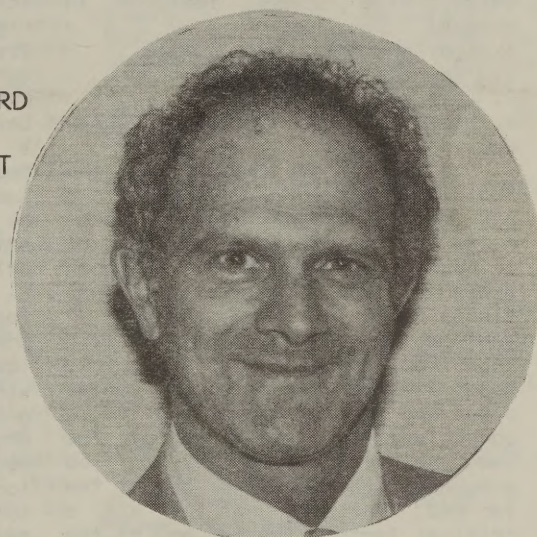
VOL. 8 NO. 4

MARCH-APRIL, 1986



THE CHANGING OF THE GUARD

LEFT: RETIRING PRESIDENT
RICHARD M. DONCASTER,
M.D., WB3AJC



RIGHT: INCOMING
PRESIDENT FREDERIC
SIMOWITZ, M.D., KØFS

FREDERIC SIMOWITZ, M.D., KØFS TO ASSUME PRESIDENCY OF MARCO AT DAYTON

MEETING DATE APPROACHES

The Annual Meeting that will be held in Dayton April 27th and 28th, will mark the end of the administration of Richard "Dick" Doncaster, M.D., WB3AJC, and the beginning of the regime of Frederic Simowitz, M.D., KØFS. Dick went into the top spot of MARCO one year earlier than scheduled, when Mervin Grossman, M.D., K5CY, decided to relinquish his second year as President. Dick assumed the office of President at the Atlantic City, New Jersey Convention on September 12, 1984. Because of extenuating circumstances, he and Jeanne were unable to attend last years annual meeting aboard the Queen Mary, and President-Elect Fred acted in his capacity during his absence.

Dick's two years have been wrought with a period in which the sun spot cycle is at its lowest ebb. As a result, there has been very poor band conditions for MARCO to thrive on. Because of this, growth of the organization has been negligible. What Dick could not do on the air as a result of poor band conditions, he tried his best to do via written communications - he spent countless hours writing to other members of MARCO, trying his darndest to make the organization "go".

Even now, The live's of Dick and Jeanne Doncaster are saddled with problems, as they struggle to free themselves of assets in Greensburg, in preparation for their sojourn to Worton, Maryland. We wish you well, Dick and Jeanne!!

And to you Fred, welcome to the position of head honcho. We hope that band conditions will improve during your term in office so that MARCO can retreat from the band of the "ding-bats" (namely 75 meters,) and return to 40 meters once again. We hope that the much talked about RTTY and Packet nets become realities, and are well populated. We hope that recruiting of members results in a one hundred percent increase in membership. Let us all pledge our support of Dr Simowitz' regime, and do what we can to make MARCO grow and prosper.

As the days go by and we get closer and closer to the time for the 20th annual meeting of the Medical Amateur Radio Council, reservation forms from members are slowly trickling into the Acme office. We have twenty three reservations at this writing, with a number of members indicating during on the air comments that they will be present, but not having received their completed reservation forms as of this writing.

We are hoping to have at least one DX member with us for a part of the MARCO Convention activities. Milton Gordon, M.D., 4X6AA, Civil Air Surgeon for the nation of Israel, in a recent letter to Ed Ludin, K2UK, indicated that he will be in the U.S. during that time, and hopes to join us at the Imperial House. Dr. Gordon will be attending the Aerospace Medical Association meeting in Nashville from April 20th to the 24th, and will be going to Dayton on April 25th. He will conduct a seminar at Wright State University in Dayton
(Continued on Page 7)

This is the forty-first in a series of articles, that were presented on 40 meters during the period from May, 1981 to July, 1983, by the late John Haerle, WB511R. The talks were referred to as the Antenna Workshop, and they developed a great interest in the Sunday evening MARCO Nets. The following paper was given by WB511R on May 9, 1982, and is printed here for those that might have missed the original presentation.

----- OTHER 40 METER ANTENNAS -----

During this session, I want to describe some 40 meter antennas which have these features in common:

1. They are relatively simple.
2. They are inexpensive.
3. They are space-saving.
4. They are proven antennas which work.

The first of these is the "Folded Inverted L." This is a very simple antenna and it works quite well. Mainly, it consists of a quarter wavelength of a good grade of 300 ohm twin lead. Just find a convenient support 20 or 25 feet above ground. Run the twin lead from ground up to that point, bend it over into a horizontal plane and tie the other end to a convenient support at about the same height. If it has to be somewhat higher or lower out at the far end, this is not at all a critical factor. The far end of the horizontal portion is shorted, and the distance from the feedpoint to that short governs resonance and the feedpoint impedance. If you want to use coax for the feedline, make the total distance from feedpoint to the shorted far end about 35 feet to start with. This should be too long and resonance should occur somewhat below the frequency you want to use. However, at the frequency of resonance, the impedance should be in the 50 ohm ballpark, and a close enough match for your coax feedline, so, all you have to do is move that far-end short toward you, decreasing the length of the antenna. For the first try, cut off only a couple of inches, reconnect the short and observe the new resonant frequency. If it moved from 7.050 up to 7.090, as a result of cutting off two inches, that was a change of 40 khz for two inches or khz per inch. Now, frequency will change in fairly linear fashion, and you have established what the rate is, so, if you want to move up from 7.070 to, say, 7.210, that's a change of 140 khz, which indicates that you could cut off another 7 inches. However, don't get carried away. Cut off half of that and see where you are. Remember, I said the

relationship was fairly linear. Also, I just pulled numbers out of the air, to demonstrate the method of establishing the rate of frequency change versus length. In this particular instance, it could be either greater or smaller than this. It will vary with the bandwidth of the particular antenna and you must determine this yourself.

Now, up to here, I have been talking about coax feedline. If you have some 300 ohm line and a transmatch, not only will your job be easier, but you can broaden the utility of the antenna. You can just make the antenna 35 feet long and forget it. Then, using 35 to 45 feet of twinlead and the transmatch, you can present your rig with 50 ohms, resistive, on all frequencies across the band. I do not honestly know how it will perform on 20, 15, and 10 meters because I haven't tried, but I have a feeling that it will work there, too. If so, that's a bonus, and here's another bonus which may not be immediately apparent: This antenna is the same in basic principle as a single wire inverted L. As such, it is really a top-loaded vertical, with the horizontal part providing the top loading. However, in the single wire version, the impedance to ground is low, maybe only a few ohms. Therefore, radials are very necessary, to minimize ground losses, but impedance for the folded version is much higher, resulting in a much higher percentage of transmitter power being used by the antenna and radiated. Therefore, just a good ground and a few radials will do fairly well, although the more radials, the better, of course.

This antenna is not critical as to the ratio between the horizontal and the vertical portions, so it will readily adapt to different environments and makes a convenient antenna for portable operation. I have worked quite a number of stations around the country on 160 meters, who put out good signals with this antenna. On that band, it's about 130 feet in total length, of course, with 40 or 50 feet in the vertical part.

Next is the W6ZWK vertical for 40 meters. It is an adaption of the so-called "sleeve vertical" and is a means of operating without a conventional ground plane. Here's how Sam, W6ZWK, builds this antenna: First, he mounts an 8 foot piece of 2 inch galvanized pipe on the ground. He connects a heavy cable from the bottom of the pipe to the copper water pipe system in his house. Then, in the top of the 8 foot pipe he puts an insulator and, in this insulator, he mounts a 25 foot whip antenna. Next, he brings his R88 feedline to the

bottom of the galvanized pipe. Then he brings the coax up the pipe, clamping it securely in several places. The outer shield is trimmed off even with the top of the pipe and connected, electrically, to the pipe at that point. The inner conductor of the coax is connected to the bottom of the 25 foot whip through a loading coil. This loading coil is quite simple, consisting of one and one half turns of copper tubing, 4 inches in diameter. This elevated feed system results in an almost perfect match at 7.3 mhz. As you can see, it's quite a space saver and it should do a do a good job.

And here's a dipole by JA3CZV which will do its normal job on 40 meters and also be well-matched all the way across the 15 meter band. Although 40 meter dipoles are supposed to work 15 too, the resonant frequency on 15 is generally higher than you would think, resulting in enough of a mismatch to greatly disturb a solid-state final. In the March 1977 issue of CQ Ham Radio, (a Japanese magazine), tells how he got around this problem. One half of his dipole he made 32 feet, 10 inches long, which is normal. The other half is considerably shorter but has a loading coil in it. From the center feedpoint, it is 13 feet, 1 inch to the loading coil, and on the other side of the loading coil there is just another 2 feet, 7 inches of wire. Now let's look at the loading coil: It consists of 115 turns #16 enameled wire on a 1 inch form, making the coil 5 and 1/4 inches long. The dipole is fed with 50 ohm coax. This results in less than 1.6 to 1 SWR on 40, across 200 khz of the band, and on 15, it is under 1.4 to 1 across the entire band. JA3CZV is a CW buff, so he had his antenna tuned for 40 meter resonance at the middle of the CW part of the band, somewhere around 7.070 mhz. Adjustment of the 40 meter resonant point is simple, just shorten the 2 foot, 7 inch wire. the 15 meter performance will remain the same.

Now, here's an attic antenna that should fit most anybody's attic: Just make a dipole of two 16 foot pieces of #8 wire (you could also use RG58, shorting the inner conductor and shield together.) In the center, which would normally be the feedpoint, place instead an old broadcast-type 365 pico-farad variable capacitor, in series with the two 16 foot pieces of wire. Then, feed the antenna at one end with coax. Feed the end which is closest to some ground, like a ventpipe, and connect the outer shield of the coax to that. Just vary the capacitor for minimum SWR at the desired frequency and that's it.

Next, don't overlook a

chimney-mounted quarter wave vertical with about 4 ground plane radials. If you droop these radials down to the four corners of the roof, you should get a good match for 50 ohm coax. Better yet, this antenna lends itself very well to a 300 or 400 ohm balanced feedline and a transmatch allowing you to use it effectively on 20, 15, and 10 meters, too.

And let's take a look at the so-called "sloper". It is usually formed by one of the tower's guy wires and can be either a quarter wave or a half wave. Terminology for the sloper can be a little confusing, since the quarter wave version is called a half sloper and the half wave version is called a full sloper. The half sloper, or quarter wave job is certainly controversial. On the air, I hear hams who swear by it and others who swear at it. My guess is that many of those who have poor luck with the half sloper just don't have the top end up high enough. The angle between the sloper and the ground should be at least 45 degrees and maybe more. The half sloper is fed at the top end. If it is a guy wire, place an insulator at the top end, close to the tower, and another about 33 feet down the guy. If a certain directivity is desired, pick the guy on the side toward the desired direction and forget the other guys. If an omnidirectional pattern is what you want, break up the other guys with insulators. Run the coaxial feedline up the tower to the top, bond the shield to the tower and, at the top end of the 33 foot section of guy wire, connect the center conductor of the coax. That's all there is to it. The length of the sloper is not as critical as would be the case with many other antennas. The half-sloper is fairly broad-banded.

If, however, your tower is high enough, the full sloper, or the sloping half-wave dipole is the way to go. Again, especially for low-angle DX capability, the angle should be 45 degrees or more. If you have 66 feet of guy wire to play with, at that angle, you are assured of an effective half-wave dipole antenna. If you have something less, say 60 feet, tuned feeders will let you cover not only 40, but 20, 15, and 10 as well. Again, break up the other guys if you want 360 degrees of azimuth for your pattern.

As an extension of this full sloper idea, there is a very interesting directional array of slopers described in the ARRL Antenna Handbook, on page 200. I promised to stick with simple, inexpensive antennas, but, as a matter of interest, this particular array is worth reading about. When

I put up my current 68 foot foldover tower, I planned ahead, and I have insulators so placed in the top four guys, that I will have four 60 foot, center fed sloping dipoles to work with when I get around to it.

LET'S WELCOME OUR NEW MEMBERS

Recruitment of new members for MARCO is going very slowly, especially with the poor band conditions that we have been experiencing lately. Perhaps the switch to 75 meters will show some increased recruitment. New members were listed a couple of months ago, and since then we've had a few more join. So here goes:

The following persons have become recent new members of MARCO. We welcome you all, and hope you will participate every opportunity possible.

1286 Fritz Boigris, M.D., KB20
54 Rugby Rd.,
New Rochelle, NY., 10804
Phone 914/576-1410

Fritz is one of those new members that knows how to find MARCO on the ham bands. Many of us have met him already - he puts a good signal out on 75 meters. Professionally, he is the anesthesiologist at the Lincoln Hospital in the Bronx, and at the present time, also serving as Acting Director at the hospital.

1287 William R Welch, M.D., K1CLN
Brigham & Womens Hospital,
75 Francis St.,
Boston, MA., 02115.
Phone 617/732-4745

Bill Welch is a graduate of the Duke University School of Medicine, Class of 1971. He has specialized in gynecological pathology, and is chief of this service at Brigham & Women's Hospital in Boston, and an assistant professor of pathology at Harvard Medical School.

1288 Robin J Staebler, M.D., NOGQY
3219 Lord Circle
Grand Forks, ND., 58201
Phone 701/772-7915

Rob is a new member who has been involved in the net activities from day 1. He's been heard on the old 40 meter net, the new 75 meter net, Grand Rounds, and the Sunday afternoon DX net. Sure is good to have you in MARCO, Rob. A graduate of Queen's University Medical School in 1966, he specialized in family practice, and is presently serving as Professor and Chairman of Family Medicine at the University of North Dakota.

1289 Casper J Aleo, KA3OBK
8 Maryland Place
Jeannette, PA., 15644

Phone 412/523-8488

Cap is a graduate of the Univ. of Pittsburgh School of Pharmacy, class of 1950, and a good friend of MARCO President WB3AJC. He presently holds a technician class license, but is working hard on the code, so should be upgrading any day now. In the meantime, you can find him on the 40 and 80 meter novice CW bands.

1290 David A Lewis, KL7ETZ
309 Wachusett,
Sitka, AK., 99835

Phone 907/747-6948

David is a new associate member from up Alaska way. He has had 26 years experience in microwave and satellite electronics, and is an Emergency Medical Technician in Sitka. He has been checking into the Sunday afternoon 2000 UTC net quite often, and its good to have a station from Alaska on the net regularly.

1291 Robert T Dalzell, M.D., WA6VEY
9855 Quail Covey Ln.,
El Cajon, CA., 92021
Phone 619/561-3848

Bob is a graduate of the University of Manitoba Medical School in 1956, and has specialized in pathology. He is currently staff pathologist at the Grossmont Hospital in La Mesa, California.

1292 Edgar L Bangsil, M.D., N2DNK
49 Stewart Ave., Box 181
Silver Creek, NY., 14136
Phone 716/934-4384

Edgar graduated from the University of Santo Tomas Medical School, Manila, Philippines in 1974. He migrated to the USA, specialized in internal medicine, and now is in a private practice of internal medicine in Western New York state.

1293 Len Fishman, D.D.S., KC2EW
305 Halton Rd.,
Dewitt, NY., 13224
Phone 315/446-6122

Len graduated from Temple University School of Dentistry, and then studied at the Eastman Dental Center, where he obtained his training in orthodontics. He presently is in private practice in orthodontics in Syracuse, New York.

1294 Mark Coral, M.D., KA1CJY
2437 N. W. 10th St
Delray Beach, FL., 33445
Phone 305/278-2574

Mark graduated from the University of Zurich Medical School in 1939. He practiced for many years in New York, Massachusetts, and Connecticut, before retiring and moving to Delray Beach. During the summers that he spends in the New England area, he still works part time at a medical clinic in Wellfleet, Massachusetts.

CLINICO - PATHOLOGIC - CONFERENCE

HISTORY

R.J. is a 44 year old white male with a one year history of progressive right hip pain associated with a rotational postural tilt towards the right (Tower of Pisa Syndrome). Associated symptoms were pains radiating down the lateral right thigh, burning and pain of the skin overlying the hip and pain in the right wrist.

Past medical history: Negative.

Past surgical history: Negative.

Allergies: No known allergies.

Medications: Nonsteroidal anti-inflammatory drugs daily.

Social history: The patient does not smoke or drink alcoholic beverages. The patient is an electrical engineer by profession and also an amateur radio operator.

Significant physical examination:

HEENT: the patient has a compensatory tilt of his eyes.

Motor/sensory: There is an alteration of gait with favoritism towards the patient's right.

Musculoskeletal: Limited range of right hip motion is noted. Rotoscoliosis to the right with sideward tilt is also seen. Bruises are seen about the patient's right wrist and pain to palpation is present.

Skin: Erosive cellulitis is seen overlying the right iliac crest.

Radiologic evaluation: Right wrist shows degenerative changes. X-rays of the right hip show advanced degenerative joint disease with osteophytic growth of the iliac crest. Chronic callus formation and increased osteoblastic activity is seen.

Bone scan: Increased activity of the right hip and wrist is noted.

Blood tests: CBC and SMAC 20 are normal.

DISCUSSION

Moderator: "Doctors, what do you think?"

Doctor J: "This is indeed an interesting case."

Doctor L: "Yes, interesting indeed"

Moderator: "Doctors, any ideas?"

Doctor J: "I'm stumped."

Doctor L: "So am I."

Moderator: "And now, our expert, Doctor Pepper, your comments please."

Doctor Pepper: "Thank you. The answer is quite simple. The patient is an amateur radio operator who four years ago bought a handi-talki and being righthanded, wore it on his right hip. The weight of the radio created stress to the hip as well as a gravitational pull of the spine to the right, thus creating degenerative joint disease and rotoscoliosis."

Doctor J: "Interesting, Doctor Pepper, but, what about the skin condition?"

Doctor Pepper: "That was caused by constant rubbing against the skin by the metal belt clip."

Doctor L: "Amazing Doctor Pepper, but, what about the right wrist?"

Doctor Pepper: "Good point. As the patient walks, the sway of his right arm caused his wrist to continually bang against the HT, therefore, the bruises."

Moderator: "Doctor Pepper, what is the patient's diagnosis and what treatment do you suggest?"

Doctor Pepper: "The diagnosis is called Handi-Talki Hip Dysplasia, also known as the abbreviated HTHD or just Handi-Talki hip for short. I recommend as a treatment that the patient switch to one of those new shirt pocket handi-talki's."

Moderator: "Thank you doctors for this very interesting presentation and evaluation. Look for us next month when we discuss:

1) Product liability of HT's causing handi-talki hip dysplasia, and should they be recalled.

2) Mr. R.J. sues HT maker for not providing warning label for handi-talki hip dysplasia.

3) Mrs. R.J. takes Mr. R.J. to the laundry to have his shirt pockets repaired from posket HT induced tears.

EDITOR'S NOTE: Now that you're chuckling about the article above, and wondering who it's author might be, read "BLURPS FROM THE EDITOR" on Page 8 for the answer.

QRM FROM YOUR DIRECTORS
REPORT FROM THE FIFTH CALL AREA
by Edward Abernethy, D.D.S., WA5OUO

Well, here I am trying to keep my promise concerning writing an article for the MARCO Newsletter. That becomes rather difficult when there is nothing much newsworthy from here.

The main thrust at this QTH is getting retired. I always thought that would be relatively easy and pleasant task, but such is not the case. The first plan was retirement November 1st, 1985. That was stretched to March 15th of this year. Egads! It appears that I may be procrastinating and that assumption is correct. Here are some of the factors that come into play in the mechanics of closing a practice of more than thirty-five years of practice in one community. First, do I really want to retire at this young age? Secondly, can my patients get along without me? After considerable soul searching along with being realistic, the answer to those questions is, of course, affirmative. The next logical question is whether or not I can afford it, monetarily! That is when panic set in, doubt raised its ugly head and procrastination reigned supreme. So don't be surprised if the next time you talk to me I am still in the process of retiring.

Not too much to talk about on the amateur radio front. The bands have been lousy, noisy and obnoxious. Everyone of us knows that 40 meters became absolutely useless to us as a net frequency. I have checked in and contacted our illustrious editor on his Friday night 75 meter net. These times were very pleasant for the most part and we were able to talk with a few of the regulars.

As far as in the shack, there is not much new or startling here either. In November, I did assemble a 400c color board for the Robot 400. Miracle of all miracles, it worked perfectly. I have been receiving some beautiful slow scan color pictures on 20 meters when the band is good. One Saturday night in February, I received some beautiful slow scan color pictures from Australia and New Zealand. The band was open for two or three hours. My son Sandy, WB5RRR, acquired a Robot 1200c, of which he is rightfully proud. I read in a couple of the radio publications that my friend, Ed Ludin, K2UK, had his Robot 400 and associated equipment up for sale. I hope he had a successful conclusion to that endeavor and he purchased a Robot 1200c and associated amenities. Sandy, WB5RRR, has been involved in the development of packet radio in

this area. He thinks it is an exciting new facet to amateur radio. Maybe someday we will have a MARCO Packet Net. I don't believe there is much interest for a MARCO RTTY net at this time. I think there are several of us that have RTTY capabilities, but whether a net would fly or not is another question. I know it would cut down on the idle talk at least for me because I quickly tire of typing.

As to my feelings concerning the prognosis of our MARCO organization, I have become a little discouraged at times and have tended to get less involved in its functions. I think this has happened to all of us at one time or another. This is one of our root problems. However, placing everything in its proper perspective, we must realize that Amateur Radio is a hobby and, unfortunately there are things that take precedence, such as, making a living, family endeavors, meetings, exhaustion, VCRs, athletic events, and the list rolls on. Finally, band conditions can be disastrous to any planned daily get-togethers. So, what is the answer? As I see it, we must hang loose, be patient, and just come around and check in once in awhile. It is really nice to be somewhat of a "radio nut" and meet my peers on the air, who are all somewhat "nutty" in their own unique way. "Viva la MARCO!"

Well, so much for the serious stuff: "On to Dayton". WB5RRR and myself are seriously trying to make it to the "Big One". Whether or not it works out is undetermined at this time. The fact that the room situation is unknown and the MARCO meeting is at the tail-end creates some problems, which we hope can be worked out. Time will tell. I think the MARCO meeting and the Dayton Hamfest go very well together. I think it is a natural. I was there the last time that the two were together in 1981. It was a blast and was very well done. Whoever was responsible for the arrangements did an outstanding job. It seems to me, if the logistics are not too overwhelming, it should become an annual affair. I hope to see you all in Dayton!

NEWS FROM HOT SPRINGS VILLAGE !!!!

Walt Shriner, past-president and former editor of the MARCO Journal writes that he and Ruth will not be able to attend the Dayton meeting this year. Walter was hoping to make it, but health problems of Ruth's has caused him to cancel. He sends along his best to all of his friends in MARCO.

IS DLØMAR OUR EUROPEAN COUNTERPART?

A letter received recently from Bob Smithwick, D.D.S., W6JZU, posed a question that perhaps some of you MARCO members (maybe a German DX member) could shed some light on. He heard about a group in Germany that sounded much like MARCO. So the question is, is there another organization like ours, with headquarters in Germany?

Smitty enclosed a copy of the letter that is sent to inquirers of "MAR Deutschland", and we will reprint the bulk of it for your information. It goes as follows:

To whom it may concern

Dear OM

M.A.R. is a private, non commercial, non profit activity of ham radio operators, commercial/official radio men, MD's and non, Veterinarians, first aid helps, nurses, etc., and quite a number of volunteers of any help. By means of mainly ham radio we listen for other hams, especially in Africa, that need some medical advice, urgent medicine or immediate help or rescue. We have excellent contacts with any official Rescue Unit as Red Cross and Civil Air Ambulance, etc.

Every morning, local time, 07.45 MEZ (summertime at 06.45 UT, in winter 1 hour later) some operator is watching for urgent medical: "This is MAR Net Control in DLØMAR".

DLØMAR - please spell MIKE ALPHA RADIO - is a sort of clubstation under my personal control (DJ5RT) but may be operated by any person in case of disaster, catastrophe or danger for life. We do have special licenses to offer radio services in DL and for ham radio more or less worldwide.

You may have met us before on some ham DX-pedition and we ask for QSL with donations. Be assured that any cent or whatever currency or donation that is given to the QSL manager is turned into medicine or medical material mostly for Africa, momentarily especially for Dr G Kambites, 5X5GK.

Besides the radio operations we stoodby for any cooperation in case of local, regional and international catastrophies for relay operations or coordinators. In addition we spend our regular holidays paying all expenses ourselves by going "DX for M.A.R." that is taking heavy material into African countries, making radio and electrical as well as medical installations and work hard, everybody in the group according to

his facilities; ham radio is a necessary side effect to get further money for more help in Third World Countries, to hams and through hams mainly in Africa.

We have an account at the SPARKASSE ROSENHEIM NR. 588 9 54 MAR Bank Ident 711 500 00 D 82 ROSENHEIM.

Besides money we need medicine and radio and electric gear or even your personal help for another MAR DX activity... join us on the air for ham spirit.

Thanks for your attention

DJ5RT "Fred" for MAR NET

The author of the letter is Dr. Fred Ruppert, an M.D. whose address is Riesenkopweg 7, D-8209 Schloberg Stephanskirchen 1, Federal Republic of West Germany. The frequencies listed on the letter's logo are 21.331, 14.333, and 7.040 MHz.

Any information that can be provided MARCO regarding this group would be appreciated.

PACKET INTEREST INCREASES

What started out as a discussion by a couple of MARCO members regarding the efficacy of our group's involvement in Packet Radio, continues to balloon. As written elsewhere in this Newsletter, Advanced Electronic Applications, Inc., (AEA, manufacturer of the Packrat controller), was approached in regards to providing a clinician at the MARCO Scientific session on the Monday morning after the conclusion of the Hamfest. A very favorable response was received from C. Mike Lamb, President of the firm, who indicated that he had contacted his travel agent to change his return flight from Dayton for 24 hours, and assuming that could be arranged, he would consider it an honor to make a presentation to our group.

Two MARCO members that we know about who are already into Packet are Sandy Abernethy, MD, WB5RRR, and Ed Ludin, MD, K2UK. Not too much is known about Sandy's operating habits, but Ed Ludin passed along the following information for printing: "I'm interested in communication with other MARCO "Packeteers". My local bulletin board station (BBS) is WB2MNF. My local HF Gateway BBS is KC2TN." (Maybe after Dayton more of us will know what that is about.)

 ANYBODY FOR TORTOLA IN 1987

How many of you would like to attend a MARCO Convention on the Island of Tortola, in the British Virgin Islands, during the month of January, when the snow is blowing and the temperature in the northern tier of states in the U.S.A. is in single digits? Anyone who says that they wouldn't is "out of their tree."

So why all the interest in a small island in the Caribbeans as the site for a MARCO Convention? Blame it on one of our new members from Harvard, Massachusetts, one Milo Hnilicka, AJ1S. Milo became involved in the "Breakfast With MARCO" group, became a regular on the net as well as one of the net controls, and KF1J twisted his arm to become a member of MARCO. (We aren't sure what his credentials are, since his application didn't spell out exactly what degrees he possesses, but we understand he has had a distinguished background as a Research Scientist at Harvard.)

Anyway, one Monday morning Ed Ludin, K2UK, suggested to Milo that Tortola might be a great place to have a MARCO meeting sometime in the future. You see, Milo has a daughter, Jana Downing, M.D., who was educated at Jefferson Medical and the University of Rochester, and after meeting Roger Downing while vacationing on Tortola, married him, and decided to settle on Tortola and devote her skills to the people of this little island. She had an extensive background in diabetes (rather common on the island,) and has continued her research in that field, as well as being past-president of the Medical and Dental Association of the British West Indies.

Milo tells us that for the past sixteen years he has spent the winters there on Tortola with his daughter and her family (they have two boys, 9 and 11 years of age,) in a lovely cottage located high over the blue Caribbean. While there in Tortola, he does his hamming as VP2VHC. So with the love affair that Milo has developed with this beautiful island, its no wonder that he would like for all of his friends in MARCO to have an opportunity to enjoy it also.

So let's get back to the discussion between Milo and Ed Ludin. Milo was describing his most recent stay at the enchanted island, comfortable but free of the hustle and bustle of the U.S. St. Thomas. In his letter to Ed that followed this discussion, Milo wrote: "From our experience Tortola indeed may be an interesting location for a future meeting of MARCO. It has a balmy climate,

within easy reach by air and has facilities for a group meeting. Besides well known sailing tradition it is an excellent spot for a DXpedition in which some MARCO members might be interested."

Milo indicated that a MARCO meeting could be connected with one of the future British Virgin Islands Medical Conferences, or an independent DXpedition type get-together. Milo has taken it upon himself to write to one of the officials of the annual medical meeting, and has gotten his blessings to 1) have a MARCO member present a paper on the subject of the Medical Amateur Radio Council at the next meeting in 1987, or 2) set up a "back-to-back" meeting of MARCO with their meeting.

Whatever becomes of this matter, we are ready to accept offers of volunteers to speak at this meeting. If there are twenty-five or more volunteers, MARCO will schedule next years annual meeting in Tortola. Irregardless, this matter will be discussed at length when we meet in Dayton following the Hamfest.

MARCO NEWSLETTER.....

Published as often as possible (at least every other month,) by the Medical Amateur Radio Council, Ltd. Newsletter Offices at Box 73's Acme, PA., 15610. The purpose of the MARCO Newsletter is to inform, educate, and entertain the members of the organization. Mailed by first class mail from Acme, PA. Permission is granted to reprint any part of this Newsletter, providing credit is given to the MARCO Newsletter as the source of the reprinted material.

Ed Briner, WA3TVG, editor
 E R Briner, D.M.D., managing editor
 Edward Briner, business manager
 Ruby Briner, circulation manager
 E Briner, WA3TVG, sports editor
 E Russell Briner, photo editor
 Ed Briner, D.M.D., feature writer
 E Briner, WA3TVG, editorial editor

1985 ANNUAL FINANCIAL REPORT MEDICAL AMATEUR RADIO COUNCIL, LTD.

RECEIPTS - Jan 1, 1985 to Dec 31, 1985

Balance, Jan 1, 1985 -----	\$5056.98
Dr. Sprague, Secretary, Transfer of funds -----	7000.00
Interest, Standard Savings & Loan -----	237.20
Receipts, Dayton Reunion -----	221.00
TOTAL RECEIPTS -----	\$12515.18

EXPENDITURES - Jan 1, 1985 to Dec 31, 1985

Copy Center, Newsletter Printing -----	\$ 872.60
Acme Postoffice, postage -----	1237.43
Supplies, Newsletter Office -----	330.62
Anitek Software (word processor) -----	199.95
Holiday Inn, Fairborn, Ohio (MARCO reunion) -----	325.27
Wrather Port Properties, Inc (Queen Mary) -----	1908.84
Wm Sprague, MD, Secretary's Expenses, 1984,85,86 -----	1488.06
Paul Hyman, MD, Enlargement of Logo -----	121.90
Fred Simowitz, MD, Trophies and Awards -----	457.19
Fred Simowitz, MD, Printing -----	12.50
Gallatin Bank, checking account service charge -----	16.14
TOTAL EXPENDITURES -----	\$7030.50

BALANCE Dec 31, 1985 -----	\$5484.68
----------------------------	-----------

Monies in the Bank distributed as follows:

Gallatin Bank, Mt. Pleasant, Pa., -----	\$1026.12
Standard Savings & Loan, Mt. Pleasant, Pa., -----	4458.56
	5484.68

MEETING DATE APPROACHES (Continued)

on Monday April 28th, so it is the hope of the MARCO officers that Dr. Gordon will be able to spend some time us at the Imperial House.

In addition to 4X6AA, we have heard from past-presidents Charles Gray, M.D., WA1FMY, Earl Weston, M.D., W8BXO, and Christine Haycock, M.D., WB2YBA, Secretary William Sprague, M.D., WA6CRN, 7th Call Area Director Eldon Snow, M.D., WA7RPR, 3rd Call Area Director Ira Wexler, M.D., W3HEF, Director Alfred Greenwald, M.D., WA2CBA, 8th Call Area Director T R Shoupe, M.D., W8QP, President Richard Doncaster, M.D., WB3AJC and wife Jeanne, KA3CEO, Treasurer Edward Briner, D.M.D., WA3TVG, and members William Kenny, D.M.D., KB2NB, Robert I Lewis, D.O., N4GXP, Mike McGirr, M.D., K9AJ, and Dan Goldberg, D.D.S., WD8JXY.

A number of others have indicated, when on the daily 75 meter net, that they would be attending, but have not sent in their reservation forms. These include Robert Dombek, W8YD, Ed Westcott, W4UVS, and Roger Higley, D.D.S., W8CRK.

If you are planning on being in Dayton for the Hamfest, please, please, stay at least for the General Membership Meeting on Sunday afternoon, and the big Banquet on Sunday evening. Let's make this the biggest MARCO reunion that there has ever been.

The committee is still working on the program for the scientific session on Monday morning. One of the planned speakers has indicated that he cannot stay over until Monday, so he has been scratched, another who indicated his availability on Sunday has not replied as to whether he can avail himself on Monday. But a favorable reply from the President of AEA, Inc, gives us the indication that he will be available to speak on Packet Radio, a subject many MARCO members have indicated an interest in.

The approval has been received for a MARCO display at the Hamfest, and a commercial artist has been employed to produce a respectable banner, which will be displayed. Plans are underway to produce interesting handouts for distribution at the booth. Look for us when your feet get tired - there will be a place for you to rest after hours of pounding the pavement in the flea market!

For those MARCO members who will not have any firm plans for their evening meal on Friday evening of the Hamfest weekend, Bob Dombek,

W8YD, has agreed to arrange for an informal get-together at the Paragon Steak House, where a couple of earlier dinners were held. If you plan on attending, check into the MARCO booth at the Hamfest sometime during the afternoon on Friday, and the final plans will be given to you. The Paragon is located on Route 725 South, and is reached by traveling South on Interstate 75 to the Miamisburg Exit.

HELP HELP HELP
by Richard Doncaster, M.D., WB3AJC
President, Medical Amateur Radio
Council, Ltd.

MARCO needs your help. Propagation has left something to be desired to say the least, but as usual the handful of faithfuls have attempted to keep the net active.

We need the membership to:

1. Attempt to check in and at least say "Hello".
2. Send the Newsletter Editor SOMETHING about yourself - your rig, antenna, unusual contacts, recent vacation, a recent course, BUT something.

Ed Briner, WA3TVG, would have such an easier job if he had material every month to put into the Newsletter and not have to search around for something to fill up the pages of the Newsletter (which by the way is what holds MARCO together). how many of us would spend the time that Ed does to keep us going??)

I am thinking about asking the incoming President, K0FS, to appoint a new type of membership - the OBSERVER.

The OBSERVER is one who:

1. pays dues BUT
2. does not check into the net (but listens)
3. does not contribute to the organization
4. at times reads the Newsletter (and then criticizes)
5. does not attend the annual MARCO MEETING.

BUT OBSERVES everything that goes on.

HOW MANY OF US QUALIFY ???

MEDICAL AMATEUR RADIO COUNCIL, LTD

President- R Doncaster, MD, WB3AJC
904 Kunkle Ave.,
Greensburg, PA, 15601
Pres-Elec- Fred Simowitz, MD, K0FS
538 Chalet Ct.,
St. Louis, MO., 63141
Secretary- Wm L Sprague, MD, WA6CRN
433 North 4th St.,
Montebello, CA., 90640
Treasurer- Ed Briner, DMD, WA3TVG
Box 57
Acme, PA., 15610

Directors:

1st Area- Rbt Nevins, MD, KF1J
2nd " - Edward Ludin, MD, K2UK
3rd " - Ira Wexler, MD, W3HEF
4th " - P. Gedegbeku, MD, WB4LPC
5th " - Ed Abernethy, DDS, WA5OUO
6th " - Harold Gilbert, MD, K6KK
7th " - Eldon Snow, MD, WA7RPR
8th " - Thomas Shoupe, MD, W8QP
9th " - Seymour Fishkin, MD, K9JL
10th " - Charles Rush, MD, N0AZ
At-Large - Ted Newland, MD, G3TMN
" " - Dave Lorenzen, MD, VE3CZL
" " - Walter Shriner, MD, W9CBG
" " - Charles Gray, MD, WA1FMY
" " - Al Greenwald, MDD, WA2CBA
Communications Co-Chairman
- Ed Westcott, W4UVS
114 Georgia Ave
Oak Ridge, TN, 37830
- Bob Dombek, W8YD
3137 Rockacres
Cincinnati, OH, 45239

MARCO PAST-PRESIDENT CARP RETIRES

Almost weekly we hear of members who are retiring from active practice. We heard recently that Dr. J. Stanley Carp, KT1V, formerly K1EEG, has retired after thirty eight years of private practice in Saugus, Massachusetts. He came to Saugus after serving four years in World War II in the European Theater, where he received two battle stars.

Jack, as he is known to us, was the fifth president of MARCO, serving during the year 1971. He presided over the second Atlantic City Convention that was held in the Traymore Hotel.

He has been awarded countless awards over his years of practice, being active in the Massachusetts School Physicians Association, of which he is also a past-president of, and he served for a number of years as Chairman of the Student Health Committee of the Massachusetts Medical Society.

An honor was recently bestowed on Jack, when the Saugus Rotary Club presented him with the "Distinguished Service Award in Recognition of Exceptional Leadership and Devoted Service to the Saugus Community". He is the past-president of the club, with thirty three years of perfect attendance.

 BLURPS FROM THE EDITOR
 by wa3tvg

Now that all of you have had an opportunity to read the CPC of the man with "handi-talki hip", and wondered where it came from, we'll reveal the identity of the author. Credit for the excellent piece of "tongue-in-cheek" writing goes to our friend and fellow-member from Columbus, Ohio, Bob Lewis, D.O., N4GXP/8. Thanks a lot Bob, and we look forward to meeting you next month at Dayton.

Bob Dombek, W8YD, tells us that he has purchased a new ultra-light plane kit. Guess when he gets it completed, we won't hear much from Bob, what with all the time he spends flying the "machine." (Sure is good to hear you on 75 meters, Bob.)

The move to 75 meters has gotten quite a few of our inactive members "out of the woodwork", as the expression goes. Among those that we haven't heard too much from lately that have reappeared on 75 are Ernie, N2CDK, Al, KM3S, John, KC5UT, Bob, W8YD, Bob, W5EPB, Bill, K9WG, Carl, W5SXU, and Si, KJ9L. If we could just get some of you to establish the frequency before net time, and hold it with a rag chew until 0200, it would be a big help. If that nut the "DOG" gets on the frequency first, we have no place to go.

How many of you had the opportunity to work Bob Nevins, KF1J/PJ7 during his brief vacation on the island of St Maartin? He kept regular schedules with his friends in Fairfield, on 14268, but wasn't able to reach the MARCO nets on 75 meters at 0200. He reported hearing me on 75 meters on Friday, but was unable to get back, with his 757GX. Bob's signal on 20 meters on the morning schedules was fairly good.

A postcard was received the other day from Ed Webb, W4FQM, relative to an amateur operation he has going for him in Hollywood, Florida. (I think its for a RTTY BBS, but am not sure.)

Anyway, the card was printed by HAL, and it is referred to as an operators guide for the MS03100. So if you understand this stuff, here's what Ed passed along: The MS03100 Access Code for his station is (RTN)MSOFQM(RTN). He write's, "2125Hz Mark / 2295Hz Space (100 WPM - Baudot) 75 Baud. From the cards text, he asterisks the following: "Make sure that a period (.) in the left-column precedes ALL MS0 commands. The only exceptions are the access code or "NNNN": these work without left-justified periods.

There are skads of info on the card that will not be printed here in the Newsletter, but if anyone desires, I'll be glad to copy both sides of the postcard for them, and mail it.

We are glad to report that one of our members who has been out of the country for several years is once again back in the states. Sister Ethel, WB8GWE, who left Ohio in 1979 for San Pedro Sula, Honduras, where she managed the Pathology Laboratory at the Catholic Community Hospital in that city, has completed her tour of duty in that country, and is presently living at 6832 Convent Blvd, Sylvania, Ohio, 43560. She writes that she misses the people and her work there, and hopes someday to return.

Getting things ready for the upcoming meeting in Dayton, I got the MARCO QSL collection out of storage, and ready to be displayed at the meeting. It reminded me that nothing has been mentioned about this collection for some time, and an appeal for cards from members is in order. If your QSL card has not been sent to MARCO, or if you have a new card you would like to have displayed in the collection ship one to MARCO, Box 73's, Acme, PA., 15610. And do it right away, so that the card arrives in time for display at Dayton.

MEMBERSHIP INQUIRIES...

Direct all inquiries, and all applications for membership in the MEDICAL AMATEUR RADIO COUNCIL, LTD., to the Secretary;

Dr. William L. Sprague, WA6CRN
 433 North 4th St.,
 Montebello, CA., 90640

MARCO NET SCHEDULE

TIME - UTC	TIME - EST	DAYS	FREQ	NOTES
0200	9:00 P.M.	Mon,Tues,Thur,Fri,Sat	3.905	Regular 75 Meter Net
0230	9:30 P.M.	Wednesday	3.905	Regular 75 Meter Net
0400	11:00 P.M.	Sunday	3.905	Late-night 75 Meter Net
0200	9:00 P.M.	Wednesday	3.905	Directors Meeting on the air
1300	8:00 A.M.	Monday	3.929	Breakfast with MARCO
2000	3:00 P.M.	Sunday	14.280	Sunday Afternoon Net, looking for DX members
1515	10:15 A.M.	Sunday	14.308	Medical Grand Rounds of the Air
1530	10:30 A.M.	Sunday	3.929	Look for Grand Rounds if not on 20 Meters

MARCO NET SCHEDULE

MARCO NET SCHEDULE AFTER APRIL 27, 1986

TIME - UTC	TIME - EST	DAYS	FREQ	NOTES
0100	9:00 P.M.	Mon,Tues,Thur,Fri,Sat	3.905	Regular 75 Meter Net
0130	9:30 P.M.	Wednesday	3.905	Regular 75 Meter Net
0300	11:00 P.M.	Sunday	3.905	Late-night 75 Meter Net
0100	9:00 P.M.	Wednesday	3.905	Directors Meeting on the air
1200	8:00 A.M.	Monday	3.929	Breakfast with MARCO
2000	4:00 P.M.	Sunday	14.280	Sunday Afternoon Net, looking for DX members
1415	10:15 A.M.	Sunday	14.308	Medical Grand Rounds of the Air
1430	10:30 A.M.	Sunday	3.929	Look for Grand Rounds if not on 20 Meters

MARCO NET SCHEDULE